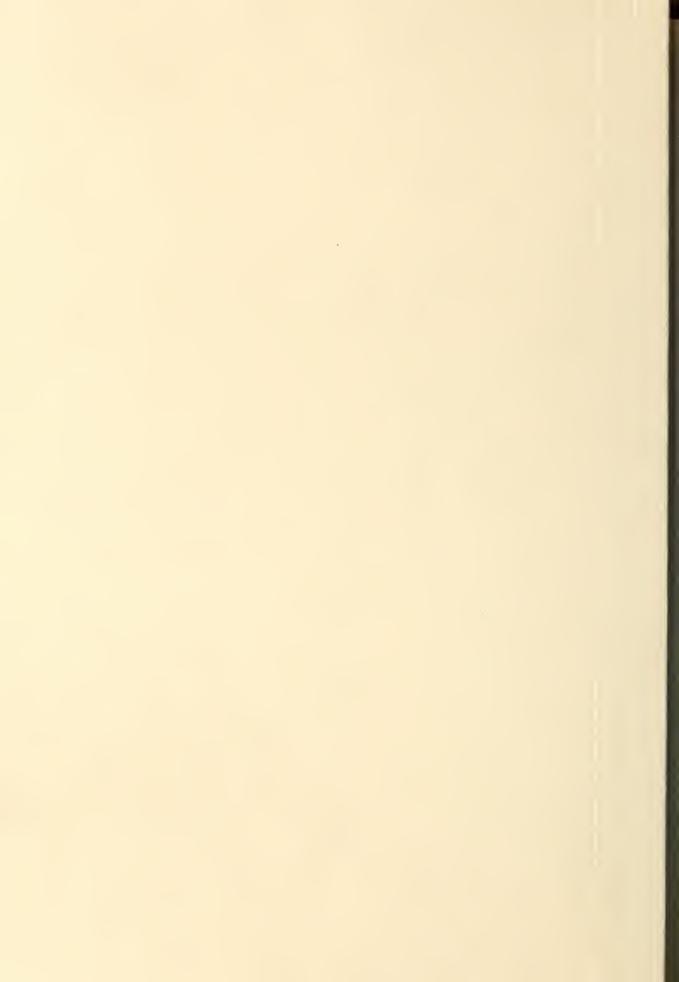
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96 UNITED STATES
SOIL O

UNITED STATES DEPARTMENT OF AGRICULTURE.

SOIL CONSERVATION SERVICE

WASHINGTON, D. C.

PRECIPITATION IN THE
MUSKINGUM RIVER BASIN
NOVEMBER, 1941



By

Climatic and Physiographic Division Soil Conservation Service

Office of Research
March 1942

Agencies Cooperating With the

Climatic & Physiographic Division
SOIL CONSERVATION SERVICE

at the

MUSKINGUM CLIMATIC RESEARCH CENTER
New Philadelphia, Ohio

U.S. WEATHER BUREAU

U.S. CORPS OF ENGINEERS

WORK PROJECTS ADMINISTRATION in OHIO
O.P 165-2-42-180

NATIONAL YOUT ADMINISTRATION for OHIO

OHIO AGRICULTURAL EXPERIMENT STATION

OHIO DEPARTMENT of HIGHWAYS

MUSKINGUM WATERSHED CONSERVANCY DISTRICT

TUSCARAWAS COUNTY

#### Tabulation of

# PRECIPITATION on the MUSKINGUM RIVER WATERSHED, OHIO by DAYS and HOURS

Stations for which records are tabulated are listed on pages 2 and 3 and their locations are shown on the map, page 4. Tabulations are made only for days having measurable precipitation and only for those stations at which precipitation was recorded. Blank columns are provided on the hourly tabulation sheets for insertion of six-hour and twelve-hour values.

#### LEGEND

ST	۸Т۱	ONS
31	AII	CIAO

10-21	Station number. Figure before the hyphen indicates county in
	which station is located and on the map appears once in large
	characters in each county. Figure after the hyphen indicates lo-
	cation of station within the county and appears on the map ad-
	jacent to the dot designating the station site.
10-21b	Small letter following station number indicates that number was
	formerly used for another nearby station location.
MC-2	Capital letters preceding station number indicate station is in a
	special study area. MC, for example, designates Mill Creek area.

#### **PRECIPITATION**

NR

.03	Precipitation of three-hundredths of an inch. Values are recorded to nearest hundredth of an inch.
+	Station installed. Symbol appears on daily tabulation sheet in the column for day of installation.
#	Station discontinued. Symbol appears on daily tabulation sheet in the column for day of discontinuance.
**	Time of precipitation unknown. Asterisk (*) appears in spaces for first and last hours of period of unknown distribution; dashes

for first and last hours of period of unknown distribution; dashes (—) appear in spaces for intervening hours. Whenever period of unknown distribution extends for two or more successive days, an asterisk (\*) preceding figure indicates amount shown is total accumulated during the period.

No record available. Symbol appears on daily tabulation sheet in the column for day where record is missing. No symbol is used unless surrounding stations indicate occurence of precipitation.

Station List

14-180 [4-22 [4-23 [4-27 [4-28

16-3

	MEOINA CO., NO.1	ASHLAND CO., NO.6	STARK CO., NO. 8 (Contil)	HOLMES CO., NO. 12 (Confd)
1-11c	C. R. Towsler R. F. D. 2 Medina	6-7 Rabert Landle R. F. D. I Nava	8-28 Horry Renkert R. F. D. 3 Conton	12-26 C. 5. Miller R. F. D. 5 Millersburg
1-19	June Dutt R. F. D. I Medina	6-B Carl Newcomer R. F. D. I Nava	8-34 Homer R. Snyder Massillon	12-29 Howard E. Shaup Winesburg
1-22	Lloyd Clinesmith R. F. D. S Medino	6-20 Ed Raland Nankin	8-36 Thamas Yaung Massillan	12-40 W. A. Engle Millersburg
1-24b	Mrs. Katherine Ritter R. F. D. I Chippewa Lake	6-25b W. D. Cummings Ashland	8-40 S. J. DeWalt R. F. D. I East Conton	12-47 Oscar Miller Millersburg
1-30	Ray Straup Spencer	6-26b W. E. Holzer Ashland	8-44 G. R. Roby Massillan	12-51 Dan Herebberger Walnut Greek
1-43	Horvey L. Allen R. F. D. 2 Seville	6-32 H. E. Goord R. F. D. 2 Ashland	B-4S R. F. Snyder Mossillon	12-54 Paul Alexander Glenmont
1-48	Howard Randell Wadswarth	5-36 Lewis D. Beck R. F. D. I Loudanville	8-47b G. E. Seevers Conton	†2-57 A. L. Alderman Killbuck
	SUMMIT CO., NO. 2	6-38c Walter D. Bowie Jeromesville	8-55b Warren Hollinger Novorns	12-61 William Koser R. F. D. 4 Millersburg
2-8b	E. M. Watere	6-40 Ellsworth Secrest R. F. D. Lucos	B-58b Charles C. Homon Canton	12-70 Albert Wagers
2-10	Akran Rabert W. Stump	6-44 Arthur McKinley R. F. D. 2 Lokeville	B-61b Dwight Kirk Wilmot	R. F. D. 3 Millersburg  COSHOCTON CO., NO.13
2-13	R. F. D. I Barberton E. J. Fitzpatrick	8-49 Mrs. Mary Easterday Perrysville	B-68 Bessie Williams Wayneeburg	13-19 Rass M. Ames R. F. D. 4 Fresna
2-16	Cuyahaga Falls Theodare Ley R. F. D. 5 Akron	6-53 L. A. McBride Perrysville	COLUMBIANA CO., NO.9	t3-22 Effie R. Frye
2-18c	George H. Steffee	6-S6d Ernest Beovers Jr.	9-11 William D. King Hanovertan	R. F. D. 2 Walhanding 13-23 William R. McGlain R. F. D. 2 Walhanding
2-23b	E. J. Fitzpatrick	Perryeville  MUDDY FORK AREA	9-13c William D. King Hanaverton	13-32 Howard Hathem
2-24	Cuyahago Falls Leo Clauss	W-I I. O. Swanson R. F. D. S Waaster	9-15 Joseph Bolen	R. F. D. I Newcomerstawn 13-40 B. O. Stingel
2-26b	Barberton Charles Pettit	W-B Fay Campbell R. F. D. I Palk	Kensington 9-17 L. H. Capeland	R. F. D. 3 Caehoctan
2-29b	R. F. D. Barbertan Charles Herman	W-9 W. L. Purdy	MORROW CO., NO.10	Newcomeretown 13-S1 G. J. Williams
2-32b	Clintan Jahn King	R. F. D. 5 Waaster W-I 2b John Arnald	10-21 John W. Bawen	Gashoctan  13-52b Andrew Bachman R. F. D. 3 Gashactan
	R. F. D. 8 North Contan	R. F. D. S Wooster  W-t3 Fay Campbell R. F D. I Palk	Chesterville GRANNY & DRY CREEKS AREA	R. F. D. 3 Cashactan  13-S4b Ranald Phillips R. F. D. I West Lafayette
3-3b	PORTAGE CO., NO.3  Glenn H. Minnick		MV-6b C. F. Baldwin	13-S8b F. H. Dixon
	Magadore	WAYNE CO., NO. 7 7-2c C. O Berkebile	R. F. D. 2 Mf. Vernan MV-7b Charles H. Cassell	Tunnel Hill 13-59 Norman E. Camp
S-2 -	RICHLAND CO., NO. 5 Fred E. Post	West Salem 7-3b Millan E. Miller	R, F, D. 2 Mt. Vernon  MV-Bb Harald E. DeBalt	Tunnel Hill 13-61 Fred Veigel
5-3	Plymouth Ira E. Backensta	R. F. D. 2 West Salem 7-5b Warren C. Knepp	R. F. D. 2 Fredericktown M V-9e John A Butler	R. F. D. I Goshactan 13-69 Frank Pigman
S-IIc	Shilah Howard Oswalt	Creaton	Sparto	R. F. D. Tunnel Hill 13-70 Lowrence R Anderson
5-14c	R. F. D. 2 Shilah Clyde Gaaper	7-21 Glenn B. Harmon R. F. D. 6 Wageter 7-24c Paul J. Hartzier	KNOX CO., NO. 11 †1-7b Harry B. Pealer	Frazeysburg 13-7S J. H. Randles
S-20	Shelby C. K. Sima	Weilersville 7-39 Elmer Cook	R.F.D. 2 Danville	Coehactan 13-86 Albert T. Kieran
	Shelby	Wooster 7-40c William Critchfield	R. F. D. Butter I 1-19b Albert C. McClurg	R. F. D. 2 Cashactan
	W. N. Graff R. F. D. 2 Manefield	Wooster 7-41 J. T. McClure	Greer	MILL CREEK AREA
S-28	Paul Gages R. F. D. 3 Mansfield	Wooster 7-42 James Dilucco	Fredericktown  11-27 Merrill Hachstettler	M C-2 Sam Brenly R. F. D. I Baltic M C-3 Arthur Michel
	Mrs. Fred Wagner R. F. D. 3 Manefield	Wooster 7-44 Menna Gerber	R. F. D. 2 Danville II-33 Harald Davis	R F. D. 2 Millereburg
S-29	J. R. Harrington Mansfield	R. F. D. 2 Orrville	R. F. D. 2 Mt. Vernan	R. F. D 3 Freena
5-34	J. W. McMillin Manefield	7-46 Mrs. Clair Hetfeltinger R. F. D. 1 Waaster	II-SO A. G. Cramer Mt. Liberty II-S2 A. G. Cramer	MC-S G. A. Welling R. F D. 3 Fresno
	George J. Kreischer Mansfield	7-53c Paul Dadez Daltan 7-61 Wayne Welty	Mt. Liberty	M.C-6 Dale Parkhill R. F. D. 2 Fresna
S-41	Ross Finney R. F D. 5 Mansfield	R. F. D. 2 Applecreek	Mt. Vernan	MC-7b Elmer Miley R. F. D. 3 Millereburg
	N. E. 5milh R. F. D. S Monsfield	7-63 Lee Chenevery R. F. D. 2 Beach City	1 I-SSb William Huttman Gambier I I-6S Myrtle M. Lahman	MC-10b Herbert Wheatcraft R F D. 3 Caehactan
S-44	Ohia Public Service R. F. D. I Lucas	7-64 A. A. Bruce Big Protrie	R F. D. 4 Mt Vernan	M.C-13 R. E. McCannell R. F. D. 2 Fresna
S-47	Walter Long R. F. D. S Mansfield	7-6S O. H. Martin Shreve	II-73b E F. Hoover Centerburg	MC-14 Stanley Sheneman R. F. D 2 Freena
	Dscar Parsons R. F. D. 2 Bellville	STARK CO., NO 8	R F. D. 2 Centerburg	TUSCARAWAS CO., NO.14
5-51	Irvin Hope Bellville	8-12 Danald Hettelfinger Alliance	11-76b Elma J. Hunter R F. D 4 Mf. Vernan	14-00b Fair Graunds Daver
	Earl E Heininger Butter	8-13b T. W. Jones Canal Fultan	I I-86b Clyde Burger Martinsburg	14-2 R J. Walte Beach City
S-S9	Wayne B. Hallor R F. D 2 Butler	8-2S Jaseph H. Brand R. F. D. I Canal Fultan	HOLMES CO., NO. 12	14-S George W. Warner Balivar
		8-27b J. B Young Cantan	12-18 Jacob S. Miller R. F. D. 2 Frederickeburg	14-6 E. E. Lenhart Sandyville

TUSCARAWAS CO., NO. 14 (Cont'd) HARRISON CO., NO.16 (Contil) GUERNSEY CO., NO.19 NOBLE CO., NO. 24 14-18b T. M. Andrews Beach City 16-32 Elgy P. Domen R. F. D. 2 Kimbolton Melvin E. Tolbott R. F. D. 2 Freeport L. C. English R. F. D. 2 Quaker City R. A. Yornell Piedmont 16-40 19-6 Roy F. George R. F. D. 2 Port Woshington 14-22 Fronk Homilton R. F. D. 1 Mineral City Guy Oliver R. F. D. I Sarohsville Corlos Musser 14-23 Henry H. Renner Shonesville 16-43b Leray Work New Athens 19-8 24-18b 14-27 Horry V. Hover R. F. D. 2 Dover 19-9b Horry Bartholow L. E. Hedge R. F. D. 5 Coldwell LICKING CO., NO.17 19-13 Fred Wogner R. F. D. 2 Utica R. W. Groy R. F. D. 1 Winterset 24-24 Ira Boker R. F. D. 5 Coldwell 14-28b Eugene Reiser New Philodelphio 17-6b Fronk 8. Williams Utico 14-30b O. A. Klor Shoneeville 19-15b J. W. Polterson R. F. D. 4 Freeport 24-25 H. J. Harris Coldwell John Miles R. F. D. 2 Johnslown Jahn Duhomel R. F. D. I Birds Run 19-18 14-34b Bert Froncie New Philodelphio Horry Keckly 17-17 19-19 Emmett White R. F. D. I Kimbollan MONROE CO., NO. 25 14-42c J. S. French New Philodelphio 14-46b Edgor G. Shumocher 17-33 W. M. Stickle R. F. D. 51. Louisville 19-21 A. W. Marling R. F. D. I Kimbollon 25-4 19-24c Iro George James O. Zwick R. F. D. I Lewieville 14-62c John M. Romig R. F. D. Uhricheville 17-43b Chorles Snyder Vanotto 14-63b John T. Wright R. F. D. I Uhricheville 19-36b Jomes Grocey Joseph M. Denbow Lewisville 25-11 J. F. Simmermon Peoli Horry R. McConnell Stofford 14-64 Ervin W. Huffmon Alexondrio 17-52b 19-39b Horold C. Johnson Nework 14-66 George Toylor Newcomersiown SENECA FORK AREA Harold F. Wilson Nework 17-56 Horry M. Mellor R. F. D. 2 Uhrichsville 1-9-44b W. M. VonFossen R. F. D. 2 Quoker City 5-2 E. B. Rondles Senecoville Fronk Whiteheod R. F. D. I Potoskolo 17-62 19-47 5-6 W. B. Spence Summerfield 14-74 Thomos Orr L. W. Hording Combridge 5-13 Jomes H. Law R. F. D. I Ouoker City 14-77b E. W. Schupp R. F. D. I Newcomerstown 17-66b Jae 5. Rodes Gronville 19-63 Farrest Hoyes Oucker City 14-78c Donold A. Corruthers R. F. D. I Newcomerstown ATHENS CO., NO. 26 L. B. Hollon Nework J. C. Slamm R. f. D. 2 Combridge 17-67 14-83b Hollis Stewort Newcomerstown 19-67 26-3 Elzo Linscatt Amesville Horry F. Parr R. F. D. 6 Newark H. A. Koantz Cumberland 19-74 14-85 WASHINGTON CO., NO. 27 Fronk Deeren R. F. D. I Byesville 14-86c J. F. 5immermon Peoli 17-85b Poul 8 Faster Summil Station 19-75 27-3 L. L. Robinson Waterford 17-86b Murry N. Johnson Polaskolo 27-5 A. P. Slutes Severly BELMONT CO., NO. 20 Poul J. Jocoby R. F. D. 2 Tippeconoe 17-92 W L. Bolo Hebron Albro A. King Lowell Mrs. Durwood Bethel CARROLL CO., NO.15 R. M. Homilton R. F. D. I Glenford 20-10b Lesier Newhart Hendrysburg Horry K. George Minervo 27-9 Charles Reiter Lawer Solem 15-4 20-17 MUSKINGUM CO., NO. 18 15-5c K. O. Monfull R. F. D. I Mechanicstawn 27-18b Emmett 5. Fisher Wolerlown 15-7 Korl Wonner Mognolio PERRY CO., NO. 22 18-15 G. E. Redmon Dresden 22-3c M. H. Homilton Glenfard 27-20b Howard Jurden R. F. D 2 Marietta 15-10 Wilden Armetrong R. F. D I Hibbetts 18-27 22-7 Dan C. Savage Marietto iro F Cooperrider Thornville 15-18 L. L. Hosock 15-23c Elmer John Strong R. F. D. I Dellroy Wotto Ulimon Marietia 18-28 22-9 C. F. Catlerman Glenford E. H. Gosser R. I. D. I Sonoro 22-17 Harry T. Mills Bartlell Albert J. Hommer R. F. D. 2 New Lexington 15-24c K. W. McLoughlin Corrollton 18-36 Tom O. Brodley R. F. D. 5 Zonesville 22-18 Monson H. Wilson Roseville O. B. Ronkin Marietto 15-25 C. F. Moses New Concard 18-54b W T. Dunmead Zonesville 22-24 C. E. Denmon Grooksville 27-36 Ray Band Borlaw Victor E. Tock R. F. D. 2 Corrollton Somuel P. Starner R. F. D. 3 New Lexington James Deval Clarence J. Weidig Zonesville R. H Smith Kilgore 15-33 18-55 15-35 Gleo Corroll Sherrodsville Gerold F Reed R. F. D. 4 Zonesville MORGAN CO., NO. 23 15-39 Chories K. Noble R. F. D. I Ameterdom 18-58c C. L. Wilson R. F. D. 4 Zonesville 23-1 Riley A Bankes Poul T. Leggett Leesville 23-4 H C. Wilson R. F. D. 5 McGannellsville 15-42 18-60 D. L. Busch R. F. D. I Norwich 23-14 15-45 Henry Slotes R F. D. 2 Scio Curlis Clork Beverly Graver Cleveland High School 18-65 23-17b E. G Borrett R. F. D. I Molta Cloude C. Neff Zonesville HARRISON CO., NO.16 J. D. Wilson Malla 16-5 George McCombs " 18-70b 5om Gregory R. F. D. 3 New Concord 23-19 Clifford 5 Hupp McConnellsville 16-8 Gilbert F. Huebner R. F. D. I Uhrichsville 18-72b Gearge W. Kroffl White Collage 16-16 18-73b Hozel E. Dadd R. F. D. 2 South Zonesville F. A. McElroy Deersville 23-22 23-25b 16-20 Deon B Boker R. F. D. 2 Jewett 18-75 Haward Pellibone Philo Paul B Grimes R. F. D. 2 Molta Mrs Moggie E. Eschmon 16-22 Fred Deorman Tippeconce 18-76 23-27 Edgar Michener Chesterhill

23-36

Reed Broakaver Slockport

Edgar Michener Chesterhill

16-28

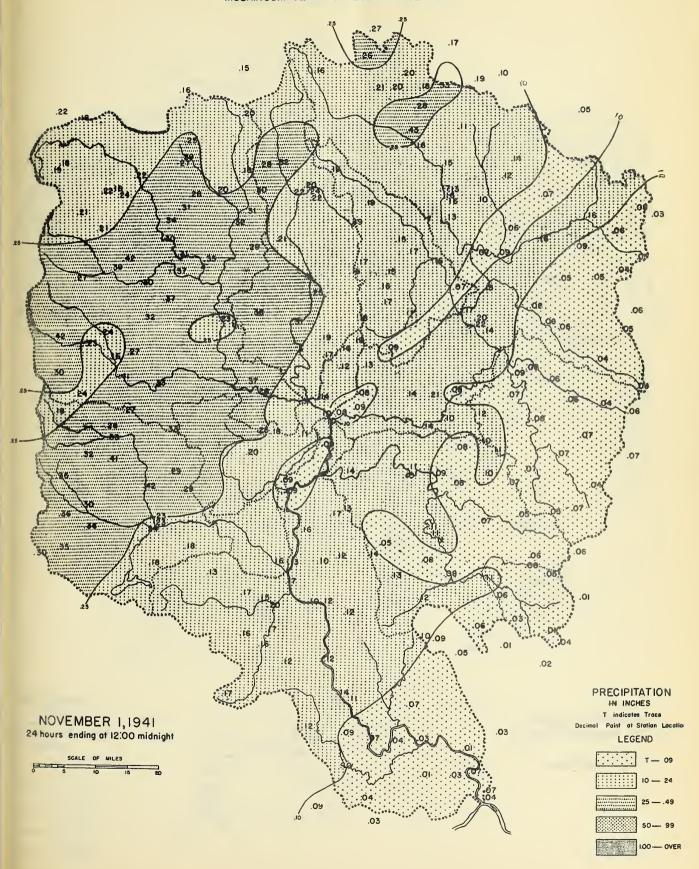
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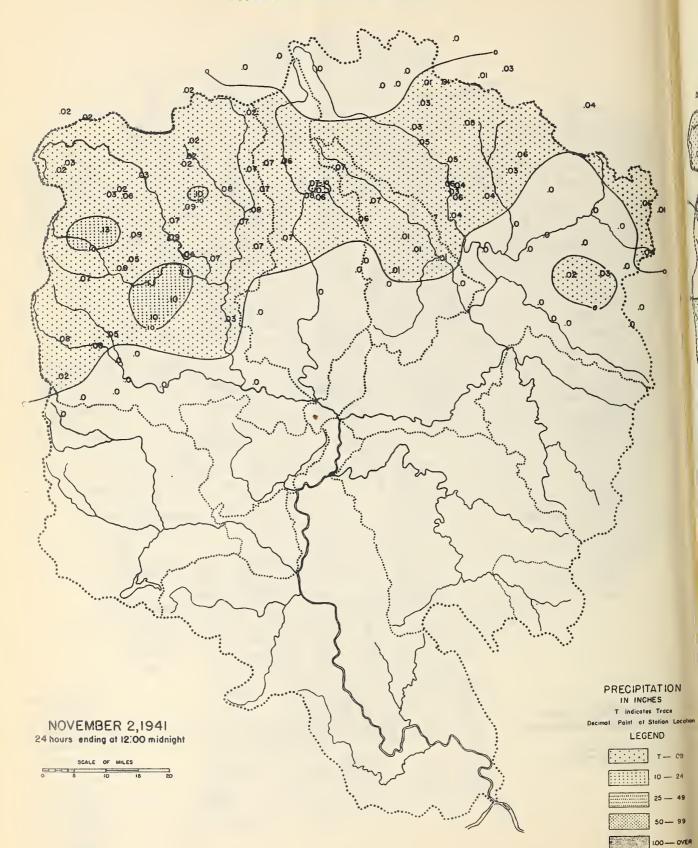
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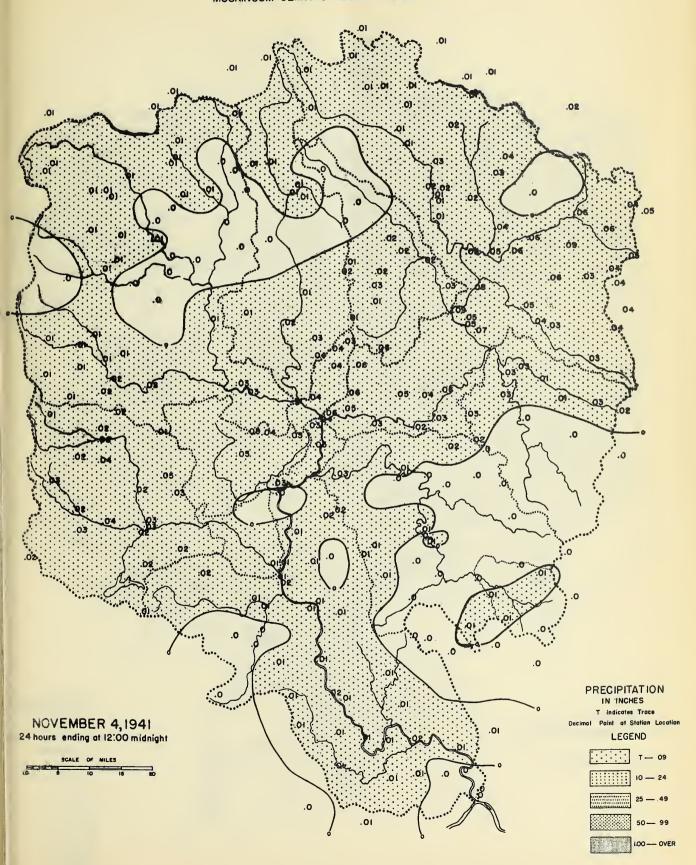
18-77

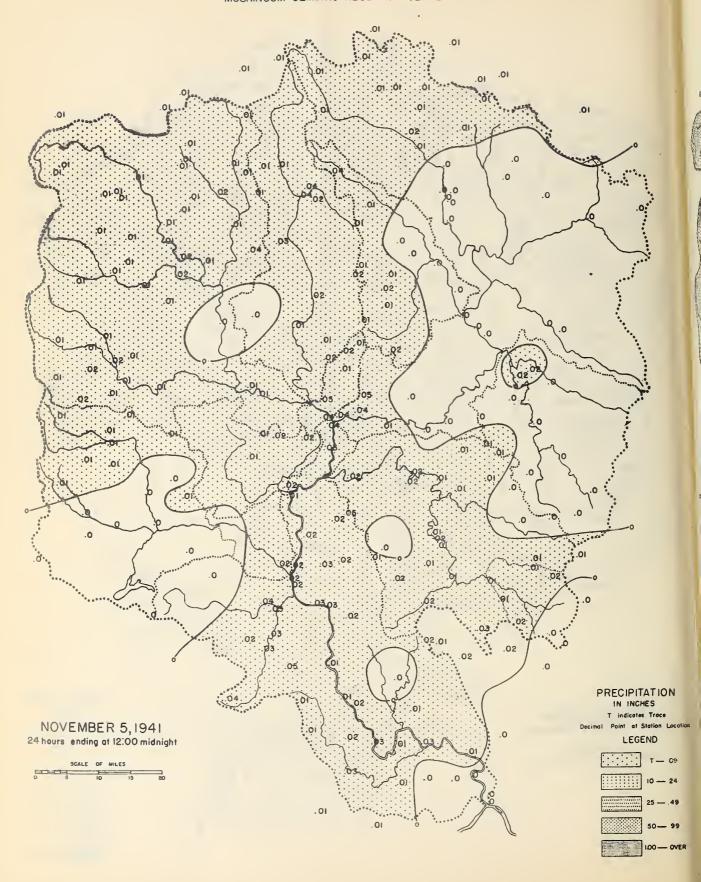
J. H. Gotter Philo

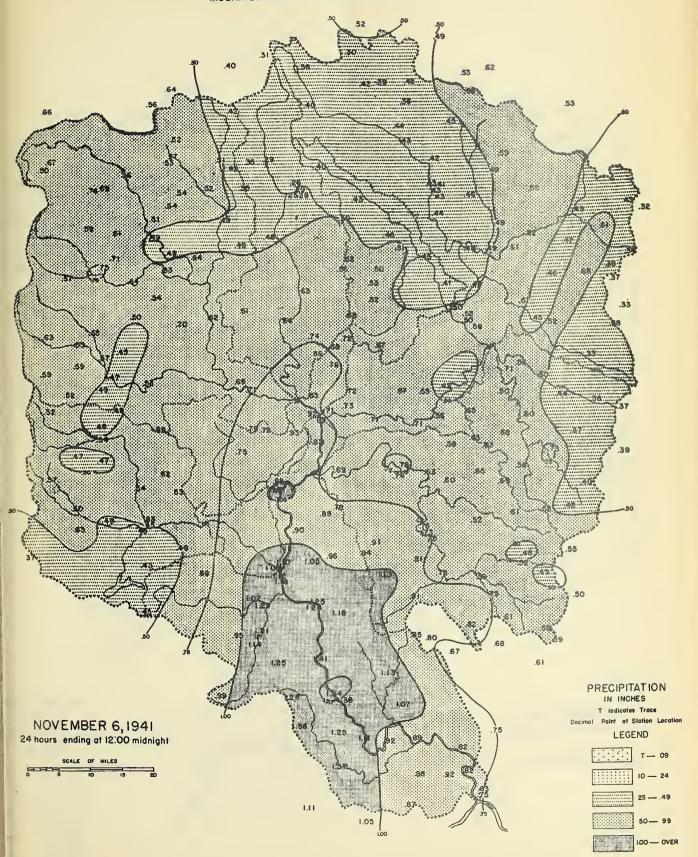
18-86b Arthur Winland R. F. D. I Duncon Folls

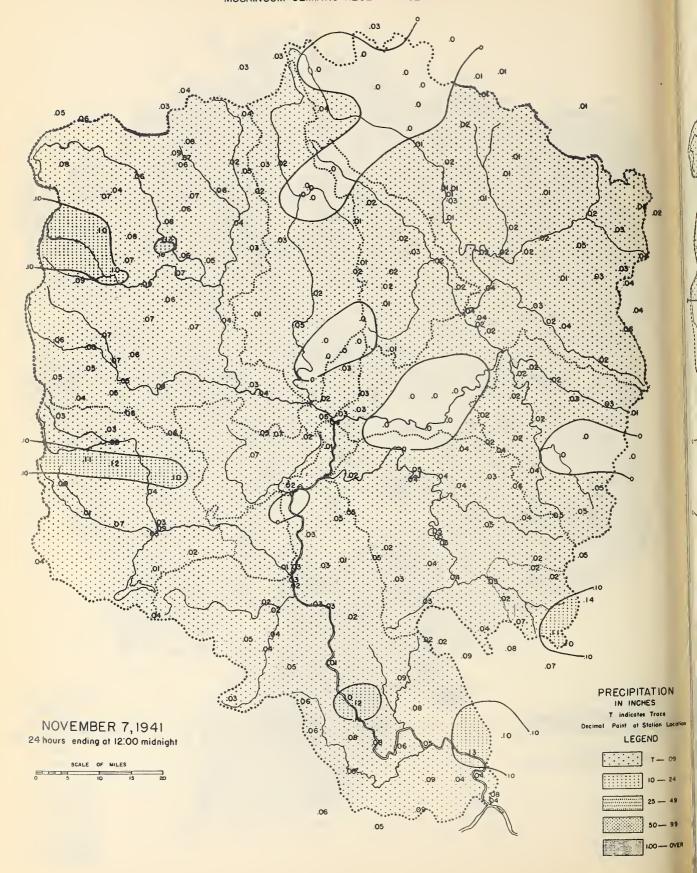


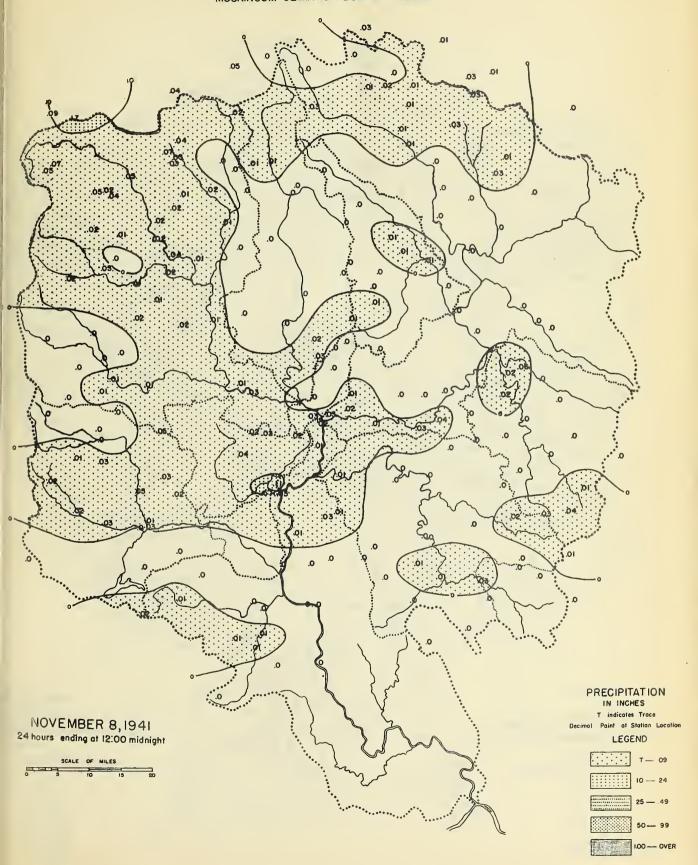


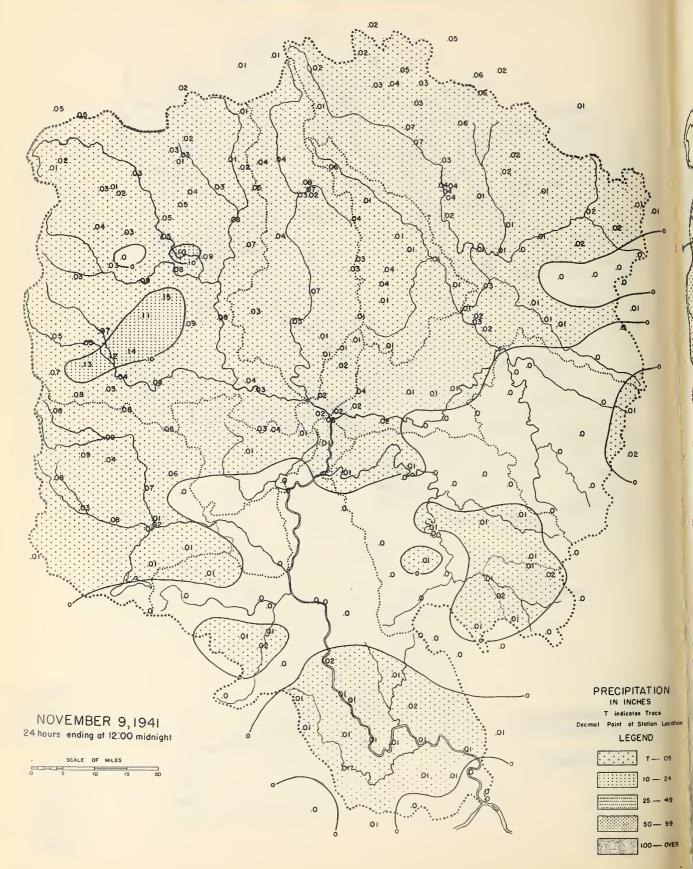


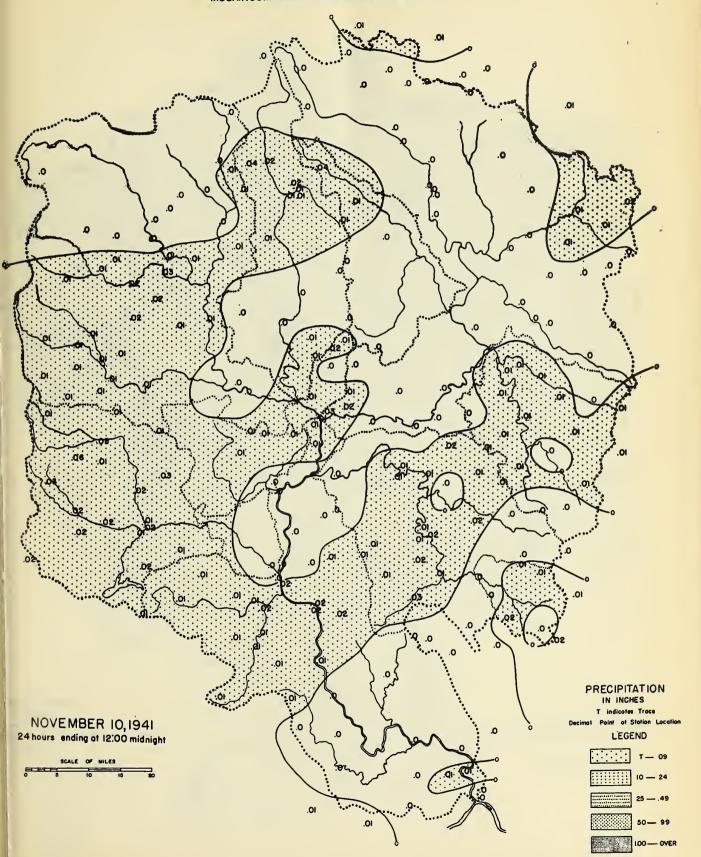


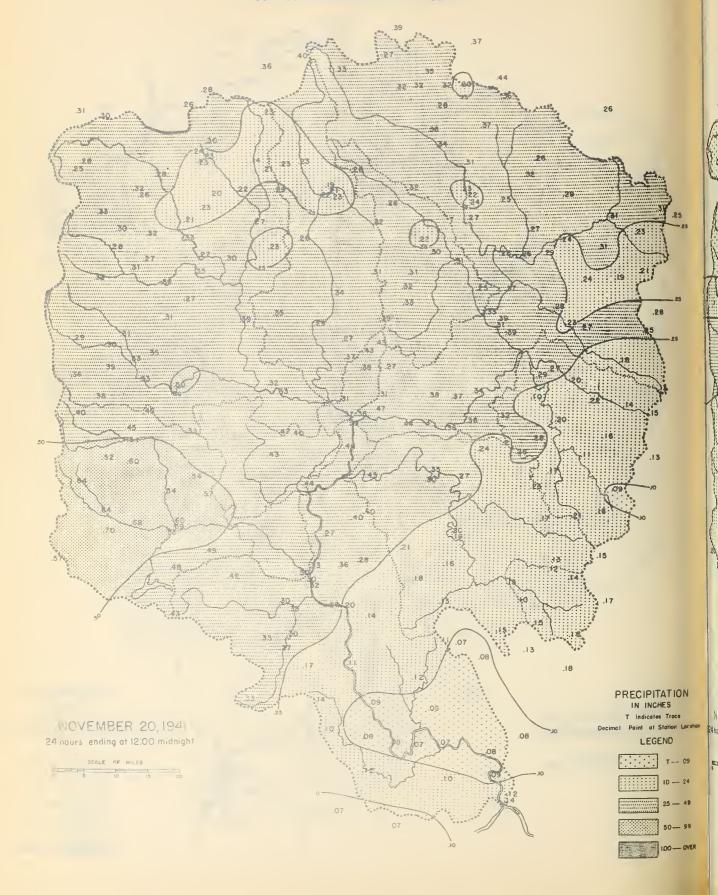


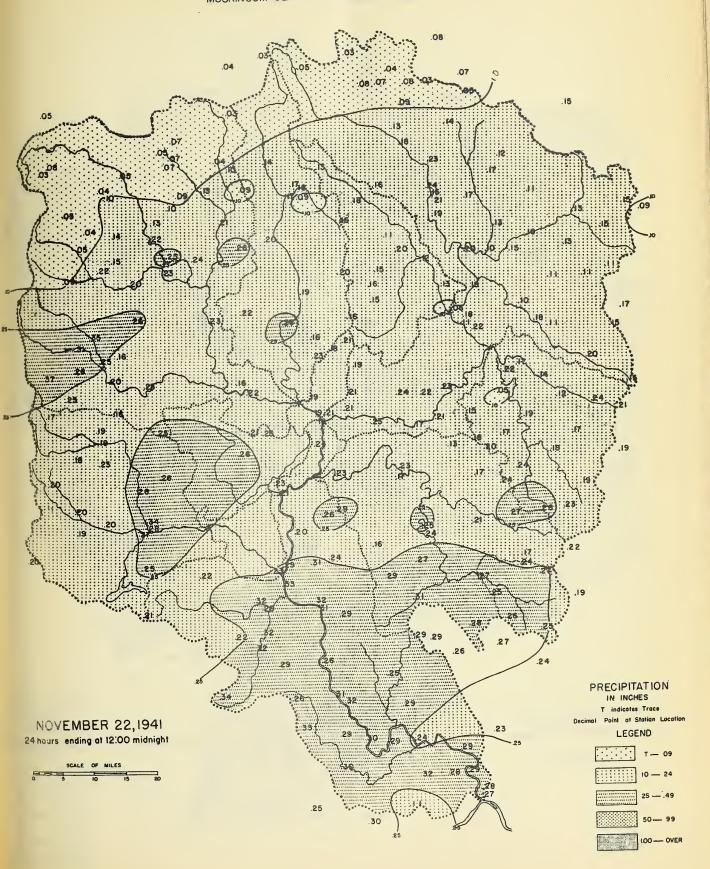


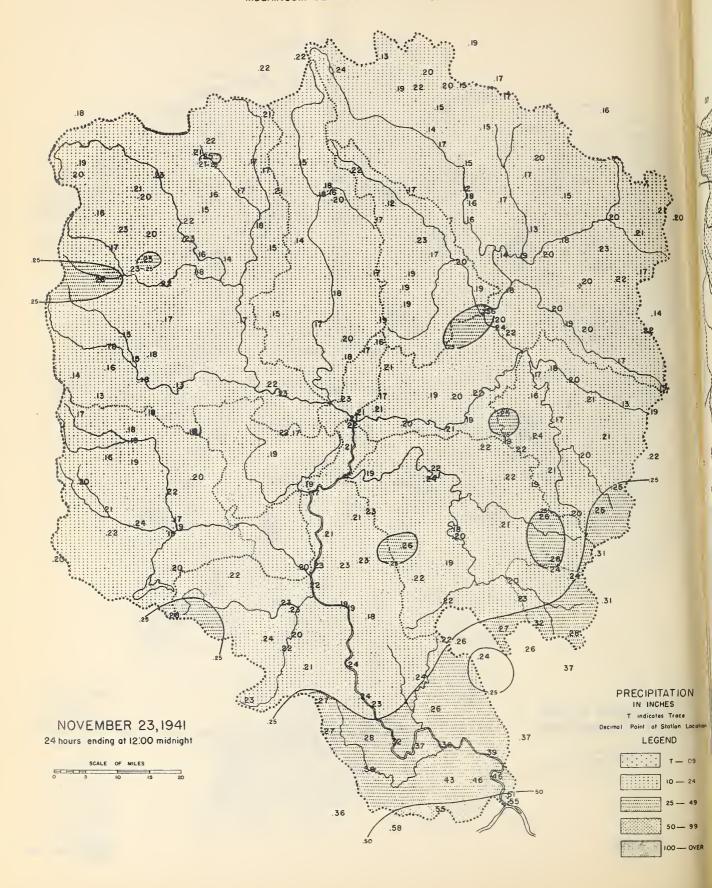




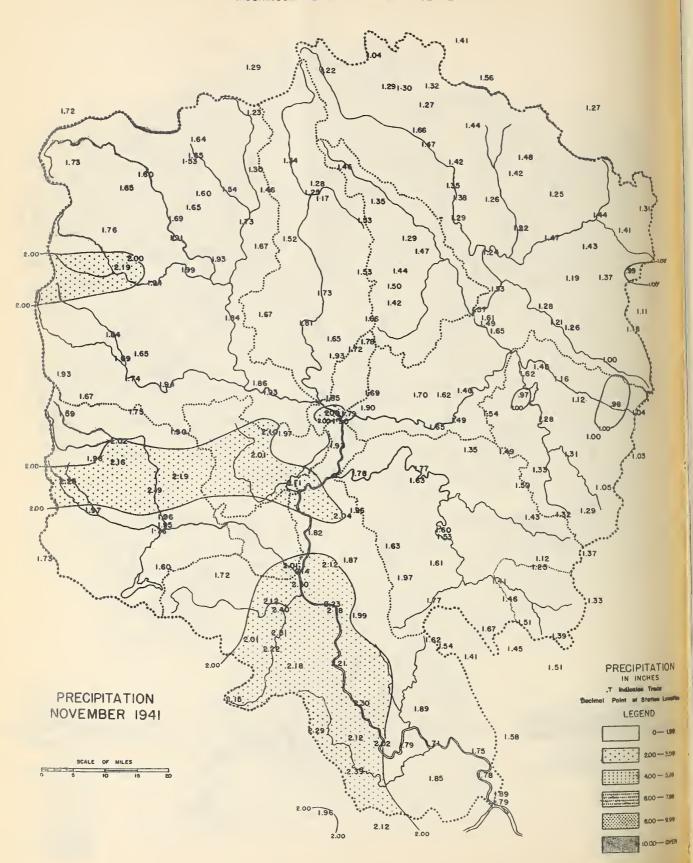












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Sta. No.	1	2	3	4	5	6	7	8	9	10	11	12	13		I5 NNA	COUN	17 NTY N	18 0. I	19	20	21	22	23	24 2	25	26	27	28 2	29	30	Total
I-11c I-19 I-22	. 27 .26 .NR			.01	.01	.52 .30		.03	.02	.01						-				.39 .27		.03	NR .13							01	1.04
1-24b 1-28	.16 NR	NR		.OI NR	.01 NR	.38 NR	NR	NR	.02 NR	NR							-			.33 NR		.05 NR	.24 NR							02 NR	1.22
1-30 1-43 1-48	NR 21	NR		NR OI	NR OL	.40 NR .42		NR OI	NR O3	NR					$\vdash$					.36 NR .32		.04 NR .08	,22 NR .19		$\top$	-				N R	1.29
								1 391						CIIN	MIT	COUN	TY NO													M.J.	
2-8b	.17.			.01	.01	.49		.01	.05	.01				3014		CODIN	1110			.37		.0 в	_19	-	-	-				90	[1.4]
2-10	.20 .20 .33	.01		NR .OI NR	.OI	.39 N.R		.02 N.R	.05 .04 N.R											.35 .32 .20		.04 .07 .03	.20 .22 .1.5							03 02 NR	1.30
2 - 18c . 2 - 23b	.19 NR	OI NR		.01	.01	.53	.01	.03												.44	Ì	.07 .05	.17 .17						1.	03 03 02	1.56
2-24 2-26b 2-29b	.28	.03		.01 .01	.01 .02	.45 .36 .44	-	.01	.03											.28		.09	.15						Π.	02	1.27
2-32b	Lii	.05		.02	.01	_45	.02	.03	عم ا	L							1			37		.14	.15							03.	1.44
3-3b	.10	.03	_	ΩI	.01	.62	.01	ام	.02	I	_			POR'	TAGE	COU	NTY N	10.3	Ι	NR.		NR	NR		_	-			Т	N R	
														RICHL	AND	cou	NTY I	VO. 5													
5 - 2 5 - 3	.22	.02		.01 N.R	.OI N.R	.66 N.R	.05	.09	.05											.31		.0 5 N R	.18 NR							07	1.72
5-110 . 5-14c .	NR .18	NR .03		NR .OI	NR .OI	N R	.08	N R	.02	NR										N R .28 .25		NR OB	NR .19							N R	1.73
5-20 5-24b 5-27	.22	.02 .03 NR		.01 .01 N.R	.01 .01 N.R	.50 .56 NR	.06 NR		.03	NR							-			.25		.03 .05	.20 .23 .18			1			T.	09 NR	1.60
5-28	.18	.03		.01 .01	.01	.74	.07	.05	.03		_								-	.32	-	.04	N.R .21		+	$\dashv$	+	+	+.	NR IO	1.65
5-34 5-35b	.24 .21	.06 .13		N R Oi	.01 .01	NR NR .59	NR NR	.04 .02	.02							-			-	.26 .30		NR .10	N R .20			+				N R 09	1.76
5-42	NR .30	.09		.01	.01	.61	.08	.01	.03											.32		.14	20							07	1.9
5-45f	N R .42	NR .05		N R .01	NR .01	.71 .57	NR .07 .09	.02	NR .03	.01 .01							}			.28		.05	.17			1				04 05 N.R.	2.0
5 - 50h 5 - 51 5 - 58b	.39	.06		.01	.01 .01	.75	.10	.03	100	.01										.31		.22	.23		$\top$				Π.	04	2.19
5 - 59	.37	اعبا			0	.54	_06	-01	مدا	.02				_		_			1	.27		NR	NR							NR	
5 - 7	NR	NR		.01	.01	.56	.03	NR	NR	T				ASH	LAN	CO	UNTY	NO.	6	.26		NR	ŇR			Т		_	_	N R	
6-8 6-20	.16 .25	.02 .02		.01	.01 .01	.64 .52	.04	.04	.02								<u> </u>			.28		NR .07	NR .22			4			1.	N R	1.64
6 - 24 6 - 25b 6 - 26b	.27 .29	N R .02 .02		N R .01	.01 .01	.53 .57	.09 .06	.07 .03	.03 .01 .03											.24		.05 .07	.21 .21						.   .	08 07	1.53
3-32 3-35	.28 NR	.10 NR		.OI NR	.01 N R	.54 NR	.07 N R	.OI NR	.04 N R	NR										.20		.09	.16							09	1.60
3-36 3-38c 3-40	.20 .34	.09 .08		.01	.01 .02 .01	.54 .52 .51	.06 .08	.02 .02	.05 .03											.23		.13	.17			$\dagger$	$\dashv$	+		09 08 05	1.6
-44	.32	.07			.02	.49	.04	.01	.10	ØI					-	-	-			.27		.21	.18		+	+	$\dashv$	+	_	O5 NR	1.7
8 - 53 6 - 564	.37	.11			.02	.53 .64	.07	.02	.08	.03										.33		.23	.18						Ŀ	02	1.93
1				<u> </u>	•			1 01						MU	00Y	FORK	ARE	A													
W- I N- 8 W- 9	.28 NR .18	07 NR 07		.01	.01 .01	.35	.03 .02 .05	.01	.04	.04										.23		NR .04	.17						.	05 03 06	1.30
W-12b :	.30	.07			.01 _01	.35	.02 .16		.05	.01									<u> </u>	.29		.09	.21							06	1.46
							r							WAY	NE C	ואטס	TY NO	).7													
- 2c - 3b - 5b	NR NR	NR NR	·	NR OI	.01 N R .01	NR .40	.04 NR .04	.02 NR .03	NR	NR										NR NR		NR.	NR NR		$\top$	T				NR	1,23
- 21 - 24c	.19	.06		.01	.01 .04	.40	.02	.01	.04	.02					-				-	NR .23	$\dashv$	.14 .13	NR .15			-		+	-	N R Q 4	1.3
- 39 - 40c	.22	.08 .07		.01	.04	.25			.03	.01				_	_	_	ļ			.22	_	.17	.18		-	4	_		-14	0.6	1.21
- 42	.22 .24 .19	.10 .07		.01 NR	.02 NR .01	.26 .29 .43	.02		.02 .07 .01	.01 .01 .01										.23		.09 .18 .18	.20 .16 .12							03 N R 03	1.17
- 48 - 51b - 53c	.31 NR NR	NR NR		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR										NR		NR .16	NR							N R	
- 61 - 63	.19	.06		.02	.01	.50 .48	.01	.01	.04	.01										.32		.16	.17		_					03 06 03	1.5
- 68	.29	.07			.03	.48	.03		.07	.01										.23		.26	.14			_		土		03	1.67
3 - 12	.05	.04		.02	.01	.53	.01		.01	.01				STA	RK	COUN	TY NO	0.8		.26		101	10.1		_		1			00.1	1
-13h	.16	.05		.02	.01	.43	.01	.01	.07	.51					-	-		_	-	.26		.15 .18	.18 .17 .15		-	-	-		_	02 03	1.47
-27b .	.12	.03		.03		.49	.01	.03	.02							_				.32		.17	.17						1:	03	1.42
- 34 3 - 36 1 - 40	.17 .13 .07	.06		.02		.43 .41 .59	.01		.04											.23 NR .29		.24 NR	.12 NR .15						١.	03 04 02	1.35
- 44	.18	.03		.01 .01		.43	.01		.04											.22		.16	.18							NR 04	1.38
8-47b 8-55b. 8-58b.	.10 .13	.04		.02 .01		.44	.01		.01 .02						-		-			.25 .27 .27		.17 .19 .18	.17				+		1	02	1.26
0-616	.17	الما		02		.51	03	.01	.01			L	L			L	L			.30		.20	.17							02	1.22

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8-68	1.18			6		.82	.02	I	.01							Ĺ				.24	16	1.18						.02	1.47
9-11	] NR	NR	l N	IR	NR	NR	NR	NR	NR	l nr				COLU	MBIA	NA C	OUN	TYNO	0.9	NR	NR	iNR		1	7	T 1	-	NR	1
9-13c 9-13	NR .08	NR		IR.	NR	.43	.NR	NB			-			_	-			-		NR .31	N F	MR		-	+	+		.03	1.81
9-17	.03	1.01	0.	5		.32	.02		1.01	NR		<u> </u>	<u> </u>		1		<u> </u>	<u></u>		.25	.09					11		02	
10-21	.42	.08	0.	11	.01	.63	.06		05	I.01	1	1		MOR	ROW	COUN	TY N	0.10	1	.29	LMA	l NR		1-	T-	TT			
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M V-8 b	23	.08	.0	ц.	01	.53	.06		.05	.01	-	-								.33 .30	.25	18			$\perp$			NR	1.93
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1 I-7b	NR 32	NR JO	N		NR NR	NR 50	NR .07	NR O2		NR O2									Ī	NR 31	N 8							NR .01	
1 1-19b	.24	.03	.0		.01	.62 .53	.04	.01	.08	.01										.39	.23	.17						.02	1.64
1 1-27 1 1-33 1 1-50	NR .27 .24	NR	,0 .0	1 .	.01 .02	.45	.07 .06 .04	.02	.09	.01				_						.33 .36	.1 6	.16		+	+			.01 .01	1.65
1 1-52	NR .41		.0	2	.03	.49	.05	.01	.03	.01	-	-								.36 NR	.23 NB	NR.		+	-	-	-	.01 .01	1.74
-55b    -65	.33		.0	2 .	.01	.53 .49	.08	.01	.08 .08	01										.50	.2 3	.13						.01	1.75
-73 <u> </u>    -74    -76	NR		.0 N .0	R	.01 NR .01	.32 NR .48	.03 NR .03	NR	.08 NR NR	.OI NR NR										.40 NR .45	.17 NR							NR OI	1.59
1.88			.0		.01	.39		.03												.33	.25							.01	1.90
														HOL	MES	COUN	TY N	0.12								, ,			.,
2-18	.17	.01	.0	2	02	.52 .56	.02	-	.03 .03											NR 31	.20	17		-	-			NR .02 .04	1.53
2-40	.16		.0	3 .	.02	.53	.02		.04											.32	.16	.19						.03	1.50
2-31	.17		.0	1	.01	.52	.01	.01	.01											.33	.13							.01	1.42
2-61	.18		.0	1 :	01	.68	.05	.01	.05	.0/1										.39	.16			1				05	1.68
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3-19	.13		.0:		NR OI	NR .86	N R	.NR	NR .04		-			JSHC		- 00	ONIT	NO. I	<del>-</del>	.32	.18	.22		-	Ŧ	+		.ÓI	1.86
3-23	.26		.0.	3 .	,õi	.74	.04	-03	.03											.33	.22							.01	1.93
3-40	.09		.04	4 1	04	.73 .92 .88	.03 .05	.02 .03	.02 .02	.02 .01										.47	.21	.21						.01	2.00
3-51 3-32b 3-54b	.08		.00	6 )	04	.71	Ω3	.03	.02	.03										.36 .44	.21	.21						.01 .01	1.78
3-58b 3-59	.18		.04	3 /	02	.79	.0.5	.02	.03	.01										.47	.21	.17	-	+	+	-	-	.01	1.97
3-69	.11 NR .20		.0: NJ	R.	02 N.R 01	.93 NR .73	.02 NR	.02 NR	.01 NR	.01 N.R										NR NR	NR NR	NR NR			-	$\vdash$	-	NR NR	1201
3-73 3-86	.09		.0	3 .	03	.82	.01	.01	.01	.01										48	.24	.21						.01	1.93
														MI	LL CF	REEK	ARE	Α											
C-2	.19		.03		01	.72			.01	.01										.43	19.	.16						,0/1 ,0/1	1.78
C-3	.13		.03	4 .	01	.63	07		.02	.02										.37	.11	.22		+	+	1		.02	1.53
C-6 C-7b	.12 .17		.04	4 .	01 02 05	.76 .86	.03	.03	.02	.01			-			-				.38	NR 23	NR .18			-	$\vdash$	-	NR OI	1.93
C-14	.11 80		.00	в .		.74	.05		.04	.01										.37	.22							01	1.65
													TU	SÇAF	AWAS	s co	UNTY	NO.	14										
4-00b. 4-2	1.18	.01	.09	2		.30	.04 .02 .02	.01	.01											.33 .31 .25	.06	.36						.01 NR .02	1.57
4-8	.07		.05	5		.48	.02		.01											.28	.10	.19			-		-	KR	1.24
4-16b. 4-22 4-23	.07 .08 NR	NR	.03 .06	1	NR	.4 I .51	.02 .03	NR	.01 .01 NR	NR										.25 .28 NR	.13 .10 NR	.19 .20 NR		-	-		-	NR OR NR	1.28
4-27 4-28b	.15		.06	8	4	.48 52	.04		.03											.37	.18	.18		-				.02	1.53
4 - 30b. 4 - 34b. 4 - 42c		NR	.07	7	NR	NR .36	.02 .02	NR	NR 02 03	NR										NR .39 .31	.22	NR .22 .24						.01 .01	1.65
4 - 46b. 4 - 82c.	.09		.08	3 .0	02	.67	.01	.04	.01	.01										N R .29	NR .22	NR .17						.01	1.62
4-63b	.21		.03	3 (	202	.56	.02	.06	.01	.01										.27	.17	.18			-			02	1.62
4-86 4-69 4-74	.09 .07		.03	3		.43 .50	.02	.02	.01	.01										.34	.05	.22		-	-			10.	1.54
4 - 77b	.14		.02			.71		.03												.38	.17	.21						.01	1.65
4 - 83b	NR NR	NR	NI NI	R I	N R	NR 65	NR .02	NR	NR	NR NR										NR 21	NR ,18	NR .19						.01	
4 - 86c	NR		N F			.68				.01										.88.	1.17			1				1	

0-4	.16		_	.06		.49	.02		.0:			T	T-	CARR	OLL	COUN	TY N	0.15	.31		.13	20		-		1	.04	1.4
-5c -7	.06 NR			.06	<u> </u>	.61	.03	_	.0.	2		4	+-	-	1		_		 .23 .29		.15 .15	.21 .20				4	.03 .03	1.7
5-18 5-23c	.09 .05	.04		.09 .05 .06		.47 .34 .46	.05 .04		.0:	2 .0	'		-						NR .24		NR	NR .20		ľ			.02	
5-24c 5-25	.05	.03		.03		.68	.03				1			1					.19		.11	.22					.03	1.3
5-26 5-30	NR NR	NR NR	-	NR	NR	,37 NR	.04 NR		N	R N	R	+	-	+	+				 *	•								+
5-33 5-35	NR O6			NR O4	NR	NR .45	NR .02			R =					L.,				 .23		.18	.19					.03	1.5
5-39 5-42 5-45	.06 .06			.04		.33 .52	.04		.0										.28 .27 .25		.17	.14					.04	
2-43	143			.04		1,30	.06		1	1	- Louis	-1	Н	APRIS	ON	COLIN	TY N	. 16	 1 .23 )	wer.	1.1.9				_		.031	
-5	.04			.03		.33	.02			.0			1					. 10	.18		.20	.17					.03	1.0
3-16 3-18	.04			.01		.36	.03		t	.0		+	1-	-	1				 .14		.12	.13		-	 	_	.01	1
-20	.04		_	NR	NR	.60	NR .02	NR	+	ە ا	1		-	-	-				.13 .20		.15	.19			 	-	.02	1.0
-28 -31 -32	.06 NR .07			.02		.37	.01		0.	٥. ا									.16		.21	.19					.01	
-40 -43b	.07					.75			.0.										.11		.18	.20 .22						1.3
														LICH	ING	cou	NTY	10.17										
-6 -8b	.33 NR	Ŧ		.02 NR	.QI NR	.54 NR	,08 NR	NR	,O			-		+		-	-		.51 NR		NR	.19 NR				$\dashv$	NR NR	2.0
-16	.32			.02 .04	.01 .01	.47 .47	.11	.01 .03	00	9 .0	6								.52 .6.0		.18 .23	.16 .19					.01	2.
-33	.29			.05	.01	.62	.10	.02	.0	6 .0	3								.54		.26	.20					.01	2. 2. 2.
-43b -45 -52b	.42			.02	.01	.54	NR	.05	N	R N	R	$\top$	1-						.54		.26 NR	NR					NR NR	
- 55 - 56	.30 .23	-		.02 .03		.50 .45	.01	.03	0, 1	2 .0	2	-	+	-	-		-		 .64		.20	.21 .19 .17					.02	1.0
-62	.36			NR .03	NR	NR .63	NR NR	NR NR	N N	R N	R								NR .70		NR .19	NR 22					NR OL	
-66b	NR .24			.04		.49	.07	.03		6 .0	2								.68 .53		.20	.24					.02	1.
7-82 7-85b	.18	-	-	.02		.49	.02	-	.0	1 .0	2	+	+						.57		NR .20	.20				+	_	1.3
-86b	.16	_		NR .02	NR	NR .43	NR .OI	NR	.0	1 .0	2	4_	_		_				NR .48		NR .25	,20				_	NR	1.
7-95	.1'3		!	.02		.69			.0	1   .0	' '		L	II CKIN	IGUM	COL	<u> </u>  NTY	do 18	.42		.22	.22	 1	1				1,1,
- 4 - 15	.09			.03	.02	.98 1.01	.02	.11				Т	141	Jakin	100111	000		0.10	.44 NR		.23	.19						2.
9-27 . 9-28 .	.17			.02	.02	.88	.05	.03	1										.40 .40		.26	.21 .23						1.9
3-32b	.16	-		.OI	.02	.90	.03	.01		RN	1	+							.27		.20	.21				_	.OI	1.0
- 50 - 54b	.05			.01	.02	.9 I 80.1	.02		-	.0	<u>'</u>	-	-	-	_				.21 .30		.16	.26						2.0
- 55 - 56 - 584	.13			.01 .01	.02 .03 .02	1.10 1.05 96	.03			.0									.33 .36 .28		.29 .31	.23 .23 .23						2.
-64	.14 NR			.01 .01	.01	.84	.05			.0		1							NR .30		NR NR	NR NR				Î		
-65 -70b	.17	-+		.02	.02	1.10	.02		+	.0		+	+		<del>                                     </del>		-		 .16		.33	.22		$\dashv$	 +	-		1.9
-71 -72b	.17	_	4	NR .01	NR .04	NR 1.02	NR .02	NR	N	.0	4	-	-						.30		NR .32	NR .23			 		NR .02	2.
-73b. -75 -76	.20 .10 NR			.01 .01 NR		1.23 1.24 NR	.02 .03 NR	NR	N	.0: .0: R N	2								.35 .27 NR		.29 .32 NR	.19 NR					.02 .02 NR	2.4
- 77d	.12			.01	.03	1.25	.03			.0	2								.20		.31	.19					.02	2.
- 88	NR			NR	NR	NR	NR	NR	L_N	R N	3	J			L				NR		NR	NR		1	 		NR	
- 4	.08	T		.02	.01	.58	.04			.01	2	T		DEKI	SEY	000	NTYN	10.19	.24		.13	.22					.01	13
-6 -8 -9b	.09		-	.01	.01	.63	.04		.0	, 0.		-	-		-	_	-		 .26 .35	_	.20 .23 NR	.22 .22 NR	 		 	-	.01	43
- 13 - 15b	.10				.01	.65 .58	.03			.0									NR .17		.17	.22					.01	1.3
- 18	.IO NR				.02 NR	.74 NR	.04 NR	NR	N	.0									.30 NR		.17 NR	.24					.01	1.6
-21					.01	.60	.06	-	-	.0									.23		.24	.19					.02	1.5
- 36b. - 39b	/07		-	OI NR	.OI	.52 .76	.05 .05	.03	0.0							-			.21 .20 NR		.26	.20 .18 .21				_	.01	أأ ا
- 445	.05 L1				.02	.61 .73	.04	.02											.17 .16		27	.26 .20					.01	
-48	.06			.01	.01	.75 46	.03		.0	.0	2								NR .13		NR .17	NR .26					.01	1.
-67 -74 -75	.08				.01	.9 1 .73	.04	.01	٠.٥	.0	3								.16 .13 NR		.27 .31 NR	.22 NR			$\dashv$	7	NR NR	1.9
						,,,,	, 34.	, .51		,				BELM	ONT	COUN	ITY N	0.20				.1715.1				!	NK I	
- 6 - 1 Ob		T	-			.40	.05	.04		.0	+	F	-						 .09		.19	.25		-	-		.01	1.3
-17	.06		. !		.01	.55	.05	.01	1		1	L	1	1	1	L	L		1 .15 j		.22	_31_1	 	1			.01.1	نبل

Page	22															,-															
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22-7	NR		Γ	.01		.45		.02		.01	<u> </u>	1	PER	RY	COU	NTY	NO.	22	CON	.43	E D	.21	.26				-1		T		
2 2-9 22-17 2 2-18	NR .16			NR	NR .02	.95 1.21	.05	.01 .01	.01 .01	.01 .01										.33 .30		.22 .32	.24 .20	_	_	-	4	_	,OI		2.01
22-24	.16				.03	1.14	.04	.01	.02	.01										.27		.32	.22						.01		2.31 2.22 2.15
2 3-1	.12			.01		1.25	.05	Γ.	T	.01	F		, n	ORG	AN C	JUUN	TY N	0.23		.17		.29	.21			Т	Т	Т	.02		2.18
2 3-4 2 3-14 2 3-17b	NR NR			.01 .01	.01	1.41	.01	-	.02 .01	.01		<u> </u>	_	-	-		-			.11		.26 .25	.24				+		.01		2.21
23-18 . 23-19	.14			.02	.01	1.54	.10		.01											NR .09		.31	.24						.02		2.30
23-22 23-25b	.12			.01		1.07 1.38 1.25	.08		.02 .01											.10		.29 .33 .29	.26 .27 .28						.02		1.89 2.29 2.12
23-27 23-38 23-41	.09 .07			.01		1.1.1	80. 80.		.01								<del>                                     </del>			.08 .08		.30	.32			$\top$	1	_	.01		2.02
24.2	.05		-	.01	.02	.49	.02		.02	.01				NOB		JUN	TY N	7. 24		.14		.27	.24		1	T	1	1	NR		
24-13 24-18b 24-23	.08 .06			.01	.01 .03 .02	.75 .82 .85	.02 .04 .02		.02											.10		.25	.23 .27 .22						.01		1.46 1.87 1.62
24-24	.09 .05				.01	.80	.02													.07		.29 .26 .27	.26 .24 .26								1.54
24-27	01_				.02	.68	.06		L	Ь	Щ.	L					1			.13.		.27	.26					1			1,45
25-4	.01					.50	.14			.01			-	MONR	OE	COUN	TY !	10. 2	5	.17		.19	.31	-	_	_			_	-	1.33
28-6	.01					.58				.02										.16 NR		.25 NR	.28 .N.R								1.39
25-14	0.5					.61	.07			.02				L	L	L	L	L		,18		.24	.37				<u> </u>	١.	J		1.51
					-									SE	NEC	A FOI	RK AF	REA	_									_	1		
S-2 S-6 S-13	.03			.O.L	.01 .02 .01	.61		.03	.01	.02										.15		.27	.20 .32	$\dashv$		-	+	-	.01		1.41
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2 6-3	.09				.01	1,11	.06		1	.01				L				0. 2		.07		.25	.36	I	1.			Ī			1.96
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27-7	.01	_		.01 .01	.01	.82	.13		.01	1) =										.08 80.		.29	.39		_	_	$\perp$	$\downarrow$			1.75
2 7-17b   2 7-18b   2 7-20b	.01 .03			.01 .01	.01	NR .88 .92	.09 .04	NR	.01 .01	NR OI										.IO NR		NR .32 .28	NR .43						NR		1.85
27-21	.07 .07					.82	.04			.01										.09		.29 .28 .N.R	.46								1.76
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2 - 8 b 2 - 10	.01	.01 .01		.01	.01	.02		.05 .09	.03 .04	.02	.01																					.17 .20 .20
2-13 2-16 2-18c	.01	.01 .01	.01 .01	.01	.01	.05	-	.04 .17 .08	.04	-01	_,02		-	-							_	_										.33 .19 .18
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5 - 14c 5 - 20 5 - 24b		.01	.01	.02	.03 .08	.02		.08 .05	.03																			ļ				.19
5 - 27b 5 - 28 5 - 29	.01	.02	.01 .01	.05 .01 .01	.06 .08 .06	.02 .03 .06		.04 .05 .03	.03																							.21 .22 .18
5 - 35h 5 - 41 5 - 42	_	.01	.01	.02	.08 .07	.03 .05		.09 .05	.01 .01 1.28																							.2 4 #.2 I
5-44	.04	.01	.01	.02 .01	.02	.08		.07	.05 .02																							.30 .42 .27
5 - 50 b 5 - 51 ; 5 - 58b	.02 .05	.01 .01	.01	.02	.06 .08	.09 .06		.05 .15 .05	.02 .01 .03																							.3 9 .3 0 .3 7
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6 - 20 8 - 24 6 - 25b	.02	.04	.02	.01	.01	.02		.10	.03	-	_	_	_		-	-	=	=	=	_			_	=	=	-	-	=				.25 #
6 - 32	.01	.02	.01	.01	.02	.06		.16	.02				_			-																.27 .29
6 - 36 6 - 38c 6 - 40	.03 .01	.01 .02	.01	.01 .01 .02	.03	.06 .06		.14	.02																						-	.31
6 - 40 6 - 44 8 - 49 8 - 53	.02	.02 .02	.01	.01 .01 .01		.10 .13		.09	.05 .04																							.3 4
6 - 56d W - I	.03	.01 .02	.01 .01	.01	.02	.13		.12 .05	.03																							.3 7 .3 5 .2 8
W - 12h W - 13	.01	.03 .02 .02	.01	.01	,05	.07 .14 .06		.03 .09 .13	.03 .04																							.18 .30 .36
7 - 2c . 7 - 5b . 7 - 21	_	.01	_	.01	—	.06		.06	.06	.01	_	_	_			_	_		_	_	_		_	_	_	_	_	_				.20
7 - 24c 7 - 39 7 - 40c	.01 .01	.01 .02			.01	.06 .07		.07 .08 .07	.03 .04 .03																							.19 .22 .20
7 - 41	.01	.01				.08 .08		.06 .07	.06																							.22
7 - 44 7 - 46 7 - 61	.02	.02 .01		.01	.01	.01 .14 .01		.1.1 .1.1 .1.1	.04	.02																				-		.3 1
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8-12	.01	.01		.01	.01	.02		.10	.03	.02							_														-	.2 I .05
8 - 25 8 - 27b 8 - 28	.01	.01 .01	.01					.08 .05	.03 .05	.02 .01			_			-										_			_			.16
8 - 34 8 - 36 8 - 40	.01					.01 .01		.10 .07	.04 .03	.01 .01	.02																					.17
8 - 44 8 - 45 8 - 47b	.01	.02 .02						.09	.04																							.16
8 - 55b	.01	.01 .01				2:		.05 .01	.05 .02	.01																						.10
9-15	.01	.01 .01 .01				.01		.07	.07	.05	.01																					.17 .16 .08
9 - 17 10 - 21 MV - 6b	.02	.01		.01	.05	.05		.26	.02	۱۰۵. ۱۵.۱ <sup>4</sup>	.01																					.03
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1 1 - 14 . 1 1 - 19b.	.04	.01	0.0	.01	.02	.13		.08	.02																							.32 .23
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1 1 - 53 1 1 - 55h 1 1 - 65	.04	.02	.02		15	.09		.07 .14 .07	.01 .05 .01				-				-	-														.2 4 .4 1 .3 3 .2 7
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- 10b - 20b - 21 - 22									.03	.01																						.03
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## MUSKINGUM RIVER WATERSHED OHIO Precipitotion in inches for hours ending as shown in column heading

							 A.N	1.							I							P.M.					_	η	
Sto. No.	1	2	3	4	5	6	7	В	9	10	Ш	12				2	3	4	5	6	7	8	9	10	U	12			Total
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7-61 7-63 7-64		.01 .01 .03	.01		.02																								.06 .01 .07
7-65 8-12 8-13b		.01	.03	.01	.01 .01 .03	.01		١Ω																					.07 .04 .05
8-25. 8-270 8-28			.01	.03 .01 .02	.01 .01 .02	.01																							.05 .03 .06
8-34 8-36 8-44		.01		.04	.01 .01 .01	.01 .01 .01																							.06 .04 .03
8-45 8-47b 8-55b		.01 .01 .01		.01	.03 10. 10.	.01 .01 .01	.01 .01											,											.08 .04 .03
8-47b 6-55b 8-61b 9-15 9-17		.01						.01 .01																					.01 .01 .01
10-21 MV-8b	.01	.01 .01 .01	.01 .01	#.O1	.03	.02		_	_	_	_	<b>*</b> .06																	.08 .08 .02
-   4       -   9b     - 2   b		.02 .01 .01	.01	.03	.02	.01 .01	.01 .01																						.10 .03 .05
12-29 14-2 15-18		.01 .01				10.	.01	.02																					.01 .01 .04
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### NOVEMBER 4,1941

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6-32 8-38c W-1 7-2c	-																				.01 .01	.01						.01 .01
7 - 5b . 7 - 21 . 7 - 39																			.01		.01	.01						.01 .01 .01
7 - 40c 7 - 41 7 - 63																			.01	.01				.01				.01 .01 .02
8-12 8-13b 8-25																				.01	.01 :00 10.							.02 .01 .03
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8-68 9-15 9-17	-	-									-		-					.01	.01	.01 .01	.01	.01	.01	.02				.06 .04
MV-6b MV-7b MV-8b																-			.01 .01 .01									.01 .01 .01
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A.M.

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

PM

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- 38 - 38c							.01 .02	.05 .03	.06 .05	.01 .03	.08 .05	.03 .03		_	.01				_					_			_	_			.2
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- 53 - 55b	-				.07		.05 ·.12	.05 .06	.06	.04 .06	.09	.02 .05	-		.04			-	-					-		-				-	.5
- 63 - 73b - 76b					.07 .08 .06		.09 .07	.06	.05 .06	.05 .05	.09 .07	.04 .03			.01 .02						_			-	-	ļ		_			.4
- 86b - 26					١٥		.09	.02 .05	.04	.03	.09 .04	.04	_		.01 .05	.05	.01												_		.3
-29 -40 -47							.01 .08 .03	.08 .05 .07	.03 .04 .03	.03 .03 .04	.02 .05	.04 .02 .06			.03 .04 .04	.08	.01														.3
-51							.04	.11 .04	.04	.02	.03	.03 .04			.05 .02	.01															.3
-51 -70							.06 .09 .04	.10 .08	.04 .05	.02 .03 .02	.05 .04 .03	.04	-		.02 .04 .03	.01					_						-		-		.31
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-23			10	.06			.09	.05 .08	.05 .07	.01 .03	.04	.05 .02			.03 .05	.01 .04	.02								L						.5
- 40 - 50			.10 .03 .04				.05 .02 .05	.13 .12 .09	.07 .07	.02 .02	.02 .02	.03 .04 .03			.03 .03 .03	.02 .03															.31

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2 - 29									.10	.01	.01	.02	.07			.08	.02	.01	.01									-			.33
3-4											1	.02	.04			.04	.01														.11
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-53    -55b    -65																							.04 .01	.04 .01 .03	.04 .07 .04	.04 .06 .05	.04 .06 .03				.20 .23
1 1-73b.																						.01	.04	.02	.05 .08 .08	.03 .05 .06	.02 .05 .04				.17 .19
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3-70 3-76 3-86																								.06 .06	.05 .06 .05	.07 .05 .06	.06 .05 .06	1			.26
MC-2 MC-3																								.03	.07	.06	.05				.18
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HC-7b HC-10b HC-13						_	-	-	-	_			_	-										.03 .06	.07 .05 .06	.06 .04	.05 .04	4		-	.23
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4-27 4-26b 4-34b			-			_		-																.02	.06	.06	.04	-			.16
4-420							-	-	-	_			-		-									.02	.10	.03	.04	-	-		.22
4-63b 4-64 4-66							_				-		_			_								.03 .06	.07 .07	.03 .05	.04 .04 .05	-	-	-	.17
4-69																								.01	.02 .07	.01 .04	.01 .02		<u> </u>		.05 .15
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4-86 5-4 5-5c																								.06	.06	.04	.01				.17
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5-39 5-42 5-45																								.02 .01 .02	.09 .05	.04 .01 .03	.02 .04 .03				.17
6-6																								.06	.07	.04	.03				.20
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6-32 6-40 6-43b						_							_		-									.03 .03	.06 .07	.05 .06	.01 .02		_		.17
7-16																							.01	.03	.05	.06	.03 .04 .05				.19
7-17																							61	.03 .05	.09	.06	.05 .05				.23
7-38	-									-	-			-	-								.01	.04	.05	.05 .09 .06 .08	.05 .06 .03		-		.20

to. No.	1	2	3	4	5	6		A.I		9	10		12				2	3	4	5	6		7	P.M.	9	10	11	12				Tota
7 - 58			Ι	Г	Г	Г	Г	Γ	Г	Τ	1	Τ	_	N	OVEM	BER :	22,194	41	Γ	Т	T	<u> </u>		.01	.09	.07	100	.06		_	_	.34
7-64 7-66b 7-67			-	ļ	-	-	-	-		-	_	ļ	ļ	-		-	-	-	-	-		_		.01	.03 .04	.04 .05	.08 .05	.05 .05				.27
7 - 83 b. 7 - 92 7 - 93			_	L	<u> </u>	-	_	ļ	_	-	_				_				-					.02	.02 .06	.05 .06	.07 .07	.04 .05		_		.20
8-4						L									_	_									.06 .04	.06 .07	.06 .07	.05 .03				.2:
8 - 27 8 - 28 8 - 36																									.08 .11 .06	.09 .08 .03	.05 .03	.04 .05				.21
8 - 30 . 8 - 34b. 8 - 55																								.01	.04 .05	.03 .07	.03 .06	.05 .04 .05				.2
8 - 56 . 8 - 58c																								.01 .01	.1 1	.11		.04				.3
8-64 8-65. 8-70b																Ī								.03	.12	.10	.03	.03				.3
8 - 72b 8 - 73b 8 - 75											-												.01	.03 .03	.09	.06 .10	.07 .05	.04 .03				.2
8 - 77 8 - 86b					$\vdash$		-	-			-				<del> </del>						-			.03	.10	.09 .06	.04	.03 .01				.2
9-4						-	_	-			_				-										.06	.06	.04	.03	_			.2
9 - 9 b   9 - 13 9 - 15 b					-	-		_	-	_	-	=	_			_	_		_		_		_		.04	.06	.03	.04				.2
9 - 18	_	_	_	_	-	_		-	_	_	_	_	_			-	_	_		_	_		_	_	.06	.05	.03	.03				.2
9 - 36b. 9 - 39b																									.10	.09	.04 .04	.03				.2
9 - 42d 9 - 44b 9 - 47										ļ														.01	.03 .08 .09	.10 .10	.04 .05 .04	.01 .04 .04				.2
9 - 48 9 - 63 9 - 67		-	_	_	_	_		_	_	_	_	_	_			_	_	_	_	_	_		_	01	.04	.08 80.	.02	.03				.1
9 - 74 0 - 6 0 - 10b																								.02	.14 .06 .07	.08 .07		.03				.1
2 - 7																								.02	.08 .04	.05 .06	.05	.02 .04 .05				.2
- 17																								.03 .01 .04	.12	.05 .10	.05 .05	.02 .04 .03				.3
3 - 1	-						-									_			-	-			_01_	.07 .06	.1 I	.04 .05 .07	.05 .04 .04	.03 .02 .02		-		.2
3 - 14 3 - 17b						-			-	-													.01	.04	.07	.03	.04	.05				.2
3 - 16 3 - 19 3 - 22						-			-	-						_								.05 .08	.11. <u>01.</u> 80.	.10 .09 .06	.03 .02	.02 .03				.3
3 - 25b. 3 - 27 3 - 36					_										_									.03 .06	.10 .06	.08 .07	.06	.06 .06				.3
3 - 41					_																		.01	.07	.10 1L 01.	.07	.03	.02				.3
- 18b																								.02	.09	.09	.05 .05	.03 .02				.2
- 24 - 25 - 27																								.01 .01 .01	.12	.09 .09 .09	.04 .04 .04	.03 .02 .01				.2
5 - 4 5 - 6 5 - 14																								.01	.04 .06 .09	.06 .09 .06	.05 .06 .04	.04 .03 .02				.1
6 - 2 6 - 6 6 - 13																								10.	80, 90, 80,	.06 .08 .08	.09 .04 .04	.03 .04 .03				.2
- 3																							.01	.08 .07	.09	.03	.02	.02				.2
- 7																								.06	.13	.05 .07 .06	.02	.01 .01				.2 .2
- 18b - 20b - 21																							.01 .03 .01	.09 .00 .08	.07 .13	.05 .02 .03	.02 .02	.02 .04 .02				.2
-22 -31 -36		-	-					-															.01	.07	.09	.05 .05	.02	.03				.2
-40 1						L	L	L		<b>i</b>	L	L			l								.03	.08	.11	.04	.01	.03				.30
														NO	VEM	BER :	23,19	41														
- I Ic.	.01	-	.04	.04				-			.01	-	_			-	-	-	=	_	-		-	=	-	-	_	<sup>4</sup> .25				.1
- 22 - 24b	.03	.03 .04 .03	.11.	.04 .02 .03	.01	.01 .02				.01	.01																					.2
-4B	.02	.02 .01	.07	.03	.01	.01 .01		.01 .01 .02	.01		.01																					.13
- 13	.01	.03	.07 .05	.04	.02	.01		.02	.01	.01																						.20
-230	.02 .01 .02	.01 .02 .03	.05 .03	.04	.03	.0≀ .01		.01 .01	.01 .01	.01	.01	ļ.,																				-1
- 26b	.01	.03 .01	.04	.03 .03	.01 .01	.01 .01		.01	.01		.01 .01																					.13
- 2	.03	.06	.03	.01	.02	.01		.01	.01	_	_					_											#.21					.13

								_A.	VI					101			us us							P.M.								
810. No.	ŧ	2	3	4	5	6		7	8	9	10	Ш	12	N	OVEN	BER	2 23,19	3	4	5	6		7	8	9	10	Ш	12				Total
5-14c 5-20	.04	.05	.05	.01	.02	.01		.01	.01	Г							1	Ï								Г		Γ				.19
5-24b 5-27b	.01	.04	.02	.02	.02	.02			01	.01	.02	01			-	-				-		-					-	-	-			.20
5-29 5-35	.02	.04	.08	.02	.02	.01			.01	.01	.01	81	-			_										_	-			<u> </u>		.21
5-41 5-42 5-44	.01 .01	.02	.08 .05	.04 .01 .05	.03 .02 .03	.02		.01	.01 .01	01	.01	.01	.01 .01 .01																			.20
5-45f 5-47	.02	.04	.07	.02	.01 .01	.01		.02		.02	.01	.01	.02																			.17
5-50b 5-51	.01	.02	.06	.05	10.	.03		.01	-01		.01	.02	.01					OS			-								_			.23
5-58b 5-59 6-7	.02	.04	.09	.03	.01	.01		.01	=	=	=	_	.01	-	-	=		37	_	_		_		_			-	6.25	_	-		e.2º
8-20	.04	.02	.07	.05	.03	.01 .01		.01	.01		.01		او																			.22
6-25b. 6-26b. 6-32	.01	.02	.09 .12 .03	.02 .03 .05	.01 .03 .10,	.01 .01 .03		.01	.01		.01	.01	.01														1					.21
6-38 8-38c	.01	.01 .03	.03	.04	.01	.02		.02	.01		.01																					.16
6-40	.02	.03	.06	.05	.02	.02		.02	.01		.01	.01		-				-	_	-	-					-	-					.16
6-49 6-53 6-56d	.01	.03 .01 .05	.05 .05	.03	.01 .02	.01	_		_	-	.01		.01	ļ						-							-		_		<b> </b>	.16
W-9	.01	.02	.06	.04	.01	.01			.01	.01	.01 .01																					.17
₩-12b.	.01 .05	.01	.05	.04 .02 .02	.02	.02		.02	.01	.01	-01	.01	.01 .01																			.21 .24 .21
7-2¢ 7-21 7-24c	.01	.05 .02 .01	.08 .04 .03	.04	.01 .02	.01		.01	.01	.01	.01													_								.16
7-39 7-40c	.02	.03	.03	.04	.01	.01		.01	.oi	.01		.01			-	-											-	-	-			1.18.
7-41 7-42 7-44	.01	.03	.04	.06	.02	.01		10.		:81	.01		ļ							_						_						.16
7-53c	.02	.03 20.	.02	.02	.01 .01 .02	.01 .01 .01		.01 .02 .01	.01		.01 .01																					.12
7-63	.02	.01	.03	.06	.03	.05		.01	.01	.01	.01		.01																			.23 .15
7-65 8-12 8-13b	.01	.01	.05	.05	.01 .02	.01		.01	.01				.01			-					_			-				-				.16
6-25 8-27b	.01 .01	.01	.06 .05	.03 .03 .03	.01	.01		.01	.01	.01	.01		-			-				-	-					-	<del> </del>	-	-	_	_	.15
8-28 8-34	.02	.02 .01	.06	.05	.02	.01		.01	.01	.01			-							_												.20
8-36 8-40 8-44	.02	.04	.06	.01	.01 .01	_		.01	.01		_	_	₩.59																,			.16
8-45 8-47b	.02	.03 :00	.02	.05	.01	.01		.01	.02																							.16
8-55b 8-58b	.02	.03	.05	.01	.01	.01		.01	.02 .01		01_															-				-	-	.13
8-61b 8-68 9-15	.01	.02	.06	.03	.01	.01		.01	.01	.01	.01		-							-						_				-		.17 .18 .21
9-17.	.01	.01	.10	.02	10.	.01		.02	.01	.01	_		_					_	_	_	_					_		9.45				0.20
MV-6b. MV-7b. MV-8b	.01	.02	.05 .05	.02	.02	.02 .01		.QI	.01		.01		.01																			.16
MV-9e	.01	.03	.05	.02	.02	.02		.01	.01		.01																					.14
1 1- 21b	.01	.03	.05	.03	.01	.01		.01	.01		.01		-																	-		.15
11-33 11-50	.01	.02 .04	.05 .06	.04 .01	.02	.01		.01	.01	01	.01		.01			-	-		_					_						-		.18
I I - 55b.	.01	.03	.02	20.	.01			ΩL	.01	.01	.01		.01														ļ		_			.13
I 1-73b. I I-76b. I I-86b	.02	.03	.05 .06 .03	.03 .02 .Q4	.02			.01	.01 .01 .01		.01 .01 .01																			1		.17
12-26	.01	.04	.05	.05	.01	.01		.01	.01	.01		.01																				.17
12-47	.01	.06	.06	.03	.01	.01		.01		_QI	.01		,01																-			.18
12-54	.02	.03	.04	.03	.01	.01		.01	.01		,01 .01		19																-			.19 .15
12-61	.02	.05	.05	.04	.01	.02		.02	.01		.OI																					.19
13-19 13-22 13-23	.02 .02	.06 .07 .07	.07 .05	.02 .03 .05	.01 .01	.01		.0; .QI	.01	.01 .01 .01	.01																					.21
13-32	.01	.04	.10	.01	.02			.01	10.																							.19
13-50	.03	.05 .06 .07	.09	.02	.01			.01	.02																							.22
13-52b 13-54b	.01	.06 DB	.08	.01 .02				.01	.01																		-	-		-	-	.20
13-59	.01	.08	.04	.02	.01			_	.01	_	_	_	♥.74		L.,																	#-17
13-70 13-75 13-86	.02	.09 .08	.03	.02 .02 .02	.01	.01			.01 .01 .02																							.19
MG-2 MG-3	.02	.10	.05	.0 1 .0 I	10.	.01				.01	.01																					.16
MG-4 MG-5 MG-7b	.02	.07	.03 .07 .06	.02	.01	.01		.01	.0J .0I .0I																							.22
MG-10b	.01	.05	.04	.02	_0_			.01	.01																							.19
MG-14. 14-00b	.01	.04	.0B		.04	.01			.02	۵۱																}						.17

							Α.																P.M.					 	
S <u>ta. No.    </u>	2	3	_4_	5_	6		7	8	9	10	11	12	NC	VEM	BER 2	23,19	3 41	4_	5	6	_	7	8_	9	10		12	 	Total
14-2 .0		.04	.01	<u> </u>	-	T		81.*		.01				<u> </u>															.20 .14
14-6 .04	4 .05	.06	.02		.02	-	-	.01	-		-	-	$\vdash$	<del> </del>	-				-	-	-					-			.19
14-22 .04 14-27 .0	.07	.06	.01	10.	0.	-	_	01	ļ	1_									_		-							 	.20
14-28b .01 14-34b .03 14-42c .04	3 .05	.09		.01 .01 .01	.01 .01			.02 .02																					.22
14-62c .01	1 .04	.07	.02					.01	.02								1												.17
4 - 64 .0	3 .05	.08	.02	.01		-	-	.02	-					$\vdash$	-									_			-		.20
14-69 .02 14-74 .02	2 .07	.10	.02 .01	.01	.01		.01	.02	.01	ļ				-	ļ														.16
4 - 78c .02	2 .05	.07	.01	.01	.01			.01	.01																			 	.19
14-88 .03	2 .07	۵۵.	.02	.01	.01		.01	.01																					.24
15-50 OI 15-7 OS	5 .08	.05	.01 .01	.01	-	╁	<del> </del>	.01	.01	.01	<b></b>																		.20
15-10 .01 15-23c .02 15-24c .01	2 .07	.07	.01	.02	.01		.01	.01	.01	.01	_							_											.20
5 - 25 .03	3 .02	.07	.02	.02 .03			.01	.01 .01	.01									ļ											.17
5 - 39 .01	4 .05	.06	.02	.01			.01	.01	.02																				.14
5 - 45 .03 16 - 5 .03 16 - 8 .04	3 .05		.03 .02 .02	.01			.01	-	.01																				.17
6 - 16 .02	2 .08	.06	.02		.01		.01		.ŏi																				.21
6 - 20 .03	3 .06 4 .05	.05	.01	61			.03	.01	-																				.19
6 - 28 .03 6 - 32 .05 6 - 40 .05	5 .06	.06	.02 .02	.01 .01 .01	.01		.01 .01	.01	.01																				.19 .21 .20
6 - 43b .05 7 - 5 .01	5 .06	.08	.01	.02			.01	.01	.01																				.22
7 - 16 .01	2 .08	.03	.02	.01	.02		.02			.01																		 	.16
7 - 33 .02 7 - 36 .01	.08	.06	.02	.01	.02		-01	.01	ļ	.01																			.20
7 - 43b .01 7 - 52b .04 7 - 55 .02	4 .08	.06	.01 .01 .01	.01	.01		.01	.01																					.22
7 - 56 .02		.03	.01 .02		.01				.01																				.17
7 - 66b .06	4 .08		.01	.02	.02		.01										_												.19
7 - 85b .07 7 - 92 .02 7 - 95 .02	11, 5	.03	.01 .01	.01	.01 .01	-	.01	.01																				 	.20 .20
8 - 4 .02 8 - 15 .01	.05		.01	.01	.01		.01	١٥.																					.19
8 - 27 .01 8 - 28 .01	.10	.07	.01	.01			.01	.02																					.21
8 - 36 .03 8 - 50 .04 8 - 54b .01	1 .10		.02 .01	.01	.01			.01	.01			-																	.26
8 - 55 .02 8 - 56 .02	2 .12	.05	.02				.01	.01	.01					-															.23
8 - 58c .02 8 - 64	.08	.08	.01	_	_		.02	.02	_	_							_			_		_	_	_	_		<sup>∞</sup> .48	 	#.23
8 - 65 .01 8 - 70b .01 8 - 72b .02	.10	.05 .05 .06	.01 .01 .01	.01	.01		.01	.02		.01																			.22
8 - 73b .02 8 - 75 .01	.12	.05	.02				.01	.01	.01																				.23
8 - 77 .02 8 - 86b .05	.10	.06	.01					.02																					.19
9 - 4 .03 9 - 6 .03 9 - 8 .03	3 .06	.07	.03	.03	.01		.01	.02	.01 .01	-																			.22
9 - 9b . 9 - 13 .04	.06	.07	.03	.01	.01		_	_	_	*.40																			.22
9 - 15b .02 9 - 18 .04	.06		10.	.03			.02	.01	.01																		*		.21
9 - 21 - 03 9 - 24c .03 9 - 36b .02		.07	.05	.01	.01				.01	_		_			_					_			_	_	_		*.68		.19
9 - 424 .04	.06	.08	.01		.01			.01	.01														_						.18
9 - 44b .03 9 - 47 .03 9 - 48	.07	.07	.05 .01	.03 .01	.01				.01																		<b>8</b>		.26
9 - 48		.08	.02	.01	.01		.01	.01	.01	.01					_		_	_					_		_	_	<sup>#</sup> .58		.26
9 - 74 .01	.09	.09	.01 .01	.01	.01			.01																					.22
0 - 10b .05 0 - 17 .06 2 - 7 .02	.09		.03 .02 .01	.01	.01		.01	.01	.01																				.25
2 - 7 .02 2 - 17 .03 2 - 18 .01	3	.05	.01		.01		.01	.01		.01																			.26
2 - 24 .01 2 - 29 .05	.10	.06	.01	.01			.01	.02	.01	.01																			.22
3 - 1 .06	.12	.04	10.	.01			.01	.01	0.1																				.21
3 - 14   .03 3 - 17   .07 3 - 18   .02	.14	.06 .02 .08	.01 .01 .01	.01	.01		.01	.01	.0.1	.01																			.24
3 - 19 .01	.13	.07	.01	.01				.01	.01																				.24 .23
3 - 25b .04 3 - 27 .06	.13	.08 .07	.01	.01	-01			.01	.01																				.27
3 - 36 .06								.01	.01																				.32

							Α.Ι	vi.		-							_			 _	P.M.				-	 	
Sta. No.		2	_3_	4	_ 5	6	7	8	9	10	 . 12			1	2	_ 3	4	5	. 6	7	8	9	10	1.1	12		Total
												No	VEM	BER	23,19	41											
24-13 24-18b 24-23	.02	.06 .08		.01 .02	ا۵	.01		.01	.01																		.28 .27
24-24 24-25 24-27	.03 .01 .03	.05 .07 .09	.14 .13	.01 .01	.01 .01 .01	.02		.01	.01	.01																	.26 .24 .26
25-4 25-6 25-14	.08 .04 .07	.11.	.08 .08 .09	.01	.01 .02 .04	.02 .03 .03		.01 .01	.01	.01																	.31 .28 .37
S-2 S-6 S-13	.02 .04 .03	.05 .06	.09	.01 .04 .02	.01 .01	.02		.01	.01	.01																	.20 .32 .24
26-3 27-3 27-5	.08	.17	.06 .07	.02	.01 .05	.01	.01	.01	.01																		.36 .37 .36
27-7 27-9 27-18b	.06 .05	.14	.12	.02 .01	.01 .03 .03	.02 .01		.02	.01	0.0																	.39 .37
27-20b, 27-21 27-22	.14	.12	.15	.02 .01	.02 .03 .05	.01 .01		.01	.01																		.45 .46 .51
27-31 27-36 27-40	.13 .14 .12	.12	.19	.01 .01 .02	.06 .02 .02	.01 .01		.01		.01																	.55 .55 .58

NOVEMBER 30, 1941

											Г	NOVE	MBER	30,	1941										
-  c   -  9							.01																NA-TO-BOTH		
- 22 - 24b - 30	+						.01 .01	.01			$\vdash$	-	1												.0
- 48 - 8b	+	-			 	.01 .01	.01		.01		-	-	-	-	_			_					-		L.
-10 -13						.01		.01	.01																
- 1 8c - 23b						.01		.01	.01																1
24 - 26b						.01	.01	.01			<del>                                     </del>	1-	+-	<u> </u>			-					-			3
29b 32b	+	-			 .04	.01 .01	.01 .01	.01	.01		-	-	-	-	-	 -			 	_			_	 	 
3 14c					.03	.01	.01	.01				ļ													
20 24b					.02	.05 .02 .06	.04 .04 .02	.01 .02 .01																	;
35b.	+		 		 .01 .01	.04	.03	,Q1	.01				<del> </del>												
42	+	-			.01	.03	.01	.01	.01				-	-										 	
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MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

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